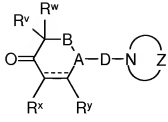
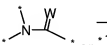
## AMENDMENT TO THE CLAIMS

1. (Currently Amended) A compound of the general formula I



(I)

where

is a group of the formulae  where D is bonded to the nitrogen atom and where

~~$R^p$ and $R^q$ are each independently selected from hydrogen, halogen, optionally substituted $C_1$-$C_6$-alkyl, $C_3$-$C_6$-cycloalkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_1$-$C_6$-alkoxy, $C_3$-$C_6$-cycloalkyloxy, $C_3$-$C_6$-cycloalkyl-$C_1$-$C_4$-alkyloxy and optionally substituted phenyl;~~

W is O, S or an N-$R^z$ group where $R^z$ is selected from optionally substituted $C_1$-$C_6$-alkyl, $C_3$-$C_6$-cycloalkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_1$-$C_6$-alkoxy, $C_3$-$C_6$-cycloalkyloxy, $C_3$-$C_6$-cycloalkyl-$C_1$-$C_4$-alkyloxy and optionally substituted phenyl and * denotes the bonding sites;

-B- is ~~a bond or~~  where $R^m$ and $R^n$ are each independently selected from hydrogen, halogen, optionally substituted $C_1$-$C_6$-alkyl, $C_3$-$C_6$-cycloalkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_1$-$C_6$-alkoxy, $C_3$-$C_6$-cycloalkyloxy, $C_3$-$C_6$-cycloalkyl-$C_1$-$C_4$-alkyloxy and optionally substituted phenyl, or, when the nitrogen in the A group is bonded to B, may also be a carbonyl group, and * denotes the bonding sites;

---- represents a single bond or a double bond;

$R^v$, $R^w$ are each independently hydrogen, halogen, optionally substituted $C_1$-$C_6$-alkyl, $C_1$-$C_6$-alkoxy, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyloxy, $C_3$-$C_6$-cycloalkyl-$C_1$-$C_4$-alkyloxy or $C_3$-$C_6$-cycloalkyl; or

~~$R^x$, $R^y$ are each independently hydrogen, halogen, optionally substituted $C_1$-$C_6$-alkyl, $C_1$-$C_6$-alkoxy, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyloxy, $C_3$-$C_6$-cycloalkyl-$C_1$-$C_4$-alkyloxy or $C_3$-$C_6$-cycloalkyl, or~~

$R^x$, $R^y$, together with the carbon atoms to which they are bonded, ~~may also~~ form a fused phenyl ring ~~or a fused 5- or 6-membered aromatic heterocycle which has 1, 2, 3 or 4 heteroatoms which are selected from N, O and S,~~ where the fused phenyl ring ~~and the fused aromatic heterocycle~~ may have 1, 2 or 3 substituents which are selected from optionally substituted $C_1$-$C_6$-alkyl, CN, $OR^1$, $NR^2R^3$, $NO_2$, $SR^4$, $SO_2R^4$, $SO_2NR^2R^3$, $CONR^2R^3$, $COOR^5$, $COR^6$, $C_1$-$C_4$-haloalkoxy, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_2$-$C_6$-alkenyloxy, $C_2$-$C_6$-alkynyloxy, $C_3$-$C_6$-cycloalkyl, $C_3$-$C_6$-cycloalkyloxy and halogen; where

$R^1$, $R^2$, $R^3$, $R^4$, $R^5$ and $R^6$ are each independently H, optionally substituted $C_1$-$C_6$-alkyl or optionally substituted phenyl, where $R^3$ may also be a $COR^7$ group where $R^7$ is hydrogen, optionally substituted $C_1$-$C_4$-alkyl or optionally substituted phenyl, where $R^2$ with $R^3$ may also together form a 5- or 6-membered, saturated or unsaturated carbocycle which may have a heteroatom selected from O, S and $NR^8$ as a ring member, where $R^8$ is hydrogen or $C_1$-$C_4$-alkyl,

D is a linear or branched 2- to 10-membered alkylene chain which may have, as chain members, a heteroatom group K which is selected from O, S, S(O), $S(O)_2$, N-$R^8$, CO-O, C(O)$NR^8$, and/or 1 or 2 nonadjacent carbonyl groups and which may include a cycloalkanediyl group and/or may have a double or triple bond;

is a saturated or monounsaturated, monocyclic nitrogen heterocycle having from 5 to 8 ring members or a bicyclic saturated nitrogen heterocycle having from 7 to 12 ring members, where the mono- and the bicyclic nitrogen heterocycle optionally has, as a ring member, a further heteroatom selected from oxygen, sulfur or nitrogen, where the mono- or bicyclic nitrogen heterocycle ~~may be unsubstituted or~~ bears an $R^a$ radical, where

~~$R^a$ is $C_1$-$C_{40}$-alkyl, $C_2$-$C_{40}$-alkenyl, $C_4$-$C_{40}$-alkoxycarbonyl, $C_4$-$C_{40}$-alkylcarbonyl, $C_1$-$C_{40}$-alkylsulfonyl, $C_4$-$C_{40}$-cyanoalkyl, $C_3$-$C_{40}$-cycloalkyl, $C_3$-$C_{40}$-cycloalkyl-$C_1$-$C_4$-alkyl, $C_3$-$C_{40}$-cycloalkylcarbonyl, $C_3$-$C_{40}$-cycloalkylcarbonyl-$C_1$-$C_4$-alkyl, phenylcarbonyl, phenylcarbonyl-$C_1$-$C_4$-alkyl, phenoxycarbonyl, phenyl-$C_1$-$C_{10}$-alkyloxycarbonyl, 3- to 8-membered heterocyclylcarbonyl or 3- to 8-membered heterocyclylcarbonyl-$C_1$-$C_4$-alkyl, where heterocyclyl in the aforementioned~~

~~radicals may have one, two or three heteroatoms selected from S, O and N;~~

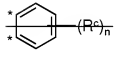
~~and~~

~~where the last 6 radicals may have, on the heterocycle or on the phenyl ring, 1, 2 or 3 substituents $R^b$ which are each independently selected from optionally substituted $C_1$-$C_6$-alkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyl, $C_4$-$C_{10}$-bicycloalkyl and $C_6$-$C_{10}$-tricycloalkyl, where the last three groups may optionally be substituted by halogen or $C_1$-$C_4$-alkyl, halogen, CN, $OR^4$, $NR^2R^3$, $NO_2$, $SR^4$, $SO_2R^5$, $CONR^2R^3$, $SO_2NR^2R^3$, $COOR^6$, $COR^6$, $O\text{-}COR^6$, 5- or 6-membered heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl in the last two substituents $R^b$ may optionally bear one or two substituents which are each independently selected from $C_1$-$C_4$-alkyl, $C_1$-$C_4$-alkoxy, $NR^2R^3$, CN, $C_1$-$C_2$-fluoroalkyl and halogen, and where 2 substituents $R^b$ bonded to adjacent carbon atoms of the aromatic radical may together be $C_3$- or $C_4$-alkylene, or, together with the carbon atoms to which they are bonded, may be a fused-on, unsaturated 5- or 6-membered carbocycle or a 5- or 6-membered heterocycle having 1 or 2 nitrogen atoms as ring members; or~~

$R^a$ is an E-Ar group wherein E is a bond or linear or branched alkylene having from 1 to 4 carbon atoms and in particular $(CH_2)_p$ where p is 0, 1, 2, 3 or 4, and Ar is selected from phenyl, naphthyl and 5- or 6-membered heteroaryl which has one, two or three heteroatoms selected from S, O and N as ring members and which may optionally have 1, 2 or 3 ~~of the aforementioned~~ substituents $R^b$ which are each independently selected from $C_1$-$C_6$-alkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyl, $C_4$-$C_{10}$-bicycloalkyl and $C_6$-$C_{10}$-

tricycloalkyl, where the last three groups may optionally be substituted by halogen or $C_1$-$C_4$-alkyl, halogen, CN, $OR^1$, $NR^2R^3$, $NO_2$, $SR^4$, $SO_2R^5$, $CONR^2R^3$, $SO_2NR^2R^3$, $COOR^5$, $COR^6$, O-$COR^6$, 5- or 6-membered saturated, partly unsaturated or aromatic heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl in the last two substituents $R^b$ may optionally bear one or two substituents which are each independently selected from $C_1$-$C_4$-alkyl, $C_1$-$C_4$-alkoxy, $NR^2R^3$, CN, $C_1$-$C_2$-fluoroalkyl and halogen, and where 2 substituents $R^b$ bonded to adjacent carbon atoms of the aromatic radical may together be $C_3$- or $C_4$-alkylene, or, together with the carbon atoms to which they are bonded, may be a fused-on, unsaturated 5- or 6-membered carbocycle or a 5- or 6-membered heterocycle~~or~~

~~is a saturated monocyclic nitrogen heterocycle having from 5 to 7 ring atoms which bears a fused-on benzene ring of the formula~~



~~where * denotes the bonding sites to the saturated monocyclic heterocycle; $R^c$ may be the same or different and is as defined for $R^b$, and n is 0, 1, 2 or 3;~~

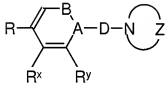
~~where~~  ~~may optionally also have 1, 2, 3 or 4 further $C_1$-$C_4$-alkyl groups as substituents;~~

where the term "optionally substituted phenyl" in the definition of $R^x$, $R^m$, $R^n$, $R^v$, $R^w$, $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, $R^6$ and $R^7$ is unsubstituted phenyl or phenyl which has 1, 2 or 3, of the following substituents: halogen, nitro, cyano, $C_1$-$C_4$-alkyl, $C_1$-$C_4$-haloalkyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl,

$C_3$-$C_6$-cycloalkyl, $C_1$-$C_4$-haloalkyl, $C_1$-$C_4$-alkoxy, $OR^{21}$, $COOR^{21}$, $NR^{22}R^{23}$, $SO_2NR^{22}R^{23}$, $CONR^{22}R^{23}$, O-$CONR^{22}R^{23}$, S-$R^{24}$, $SOR^{25}$, $SO_2R^{25}$, $OCOR^{26}$ and $COR^{26}$, where $R^{21}$ to $R^{26}$ are hydrogen, $C_1$-$C_4$-alkyl, $C_1$-$C_4$-haloalkyl, $C_3$-$C_7$-cycloalkyl, benzyl or phenyl;

where the term "optionally substituted alkyl" in the definition of $R^e$, $R^m$, $R^n$, $R^v$, $R^w$, $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, $R^6$ and $R^7$ is alkyl which may have 1, 2 or 3 substituents which are selected from OH, $C_1$-$C_4$-alkoxy, halogen, $C_3$-$C_7$-cycloalkyl and optionally substituted phenyl;

the physiologically acceptable acid addition salts of this compound and the tautomer of the formula I'




(I')

where R is halogen, an O-$R^1$ group where $R^1$ is as defined above, or an O-C(O)$R^9$ group where $R^9$ is hydrogen, optionally substituted $C_1$-$C_6$-alkyl, benzyl or phenyl, where the last two radicals are optionally substituted by one or two radicals which are each independently selected from $C_1$-$C_4$-alkyl, OH, $C_1$-$C_4$-alkoxy, $NR^2R^3$, CN, $C_1$-$C_2$-fluoroalkyl or halogen, and the physiologically acceptable acid addition salts of the tautomer I'.

2. (Canceled)

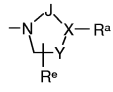
3. (Previously Amended) A compound as claimed in claim 1, where D in the formulae I and I' is a $(CH_2)k$ group or a $C(O)(CH_2)l$ group, where k is 3, 4, 5 or 6 and l is 2, 3, 4 or 5.

4. (Previously Amended) A compound as claimed in claim 1, where A is N-C(O) in which the carbon atom is bonded to the variable B.

5. (Withdrawn) A compound as claimed in claim 4, where B is $CH_2$.

6. (Previously Amended) A compound of the general formula I or I' as claimed in claim 1, where is a radical of the formula where

is a radical of the formula



where $R^a$ is as defined above, and

J is $CH_2$, $CH_2$-$CH_2$ or $CH_2$-$CH_2$-$CH_2$;

X is CH or N and

Y is $CH_2$, $CH_2$-$CH_2$ or $CH_2$-$CH_2$-$CH_2$, or Y-X together is CH=C or $CH_2$-CH=C;

$R^e$ is hydrogen or $C_1$-$C_4$-alkyl.

7. (Original) A compound as claimed in claim 6, where J is $CH_2$-$CH_2$ and Y is $CH_2$.

8. (Previously Amended) A compound as claimed in claim 6, where X is N.

9. (Canceled)

10. (Currently Amended) A compound as claimed in ~~claim 9~~ claim 1, where E is a bond.

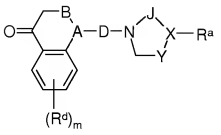
11. (Original) A compound as claimed in claim 10, where Ar is phenyl, pyridyl, pyrimidinyl or s-triazinyl, each of which has 1, 2 or 3 of the aforementioned Rb radicals.

12. (Original) A compound as claimed in claim 9, where E is $CH_2$.

13. (Original) A compound as claimed in claim 12, where Ar is phenyl, naphthyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, thienyl, furyl, pyrrolyl, pyrazolyl, imi-dazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1-oxa-3,4-diazolyl or 1-thia-3,4-diazolyl, each of which is unsubstituted or may have 1, 2 or 3 of the above-mentioned $R^b$ radicals.

14. (Canceled)

15. (Original) A compound of the general formula I-Aa



(I-Aa)

where $R^a$, A, B and D are each as defined in claim 1;

m is 0, 1, 2 or 3;

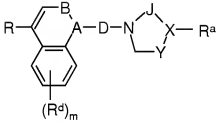
$R^d$ are each independently $C_1$-$C_4$-alkyl, $C_1$-$C_4$-hydroxyalkyl, $C_1$-$C_4$-alkoxy-$C_1$-$C_4$-alkyl, CN, $OR^1$, $NR^2R^3$, $NO_2$, $SR^4$, $SO_2R^4$, $SO_2NR^2R^3$, $CONR^2R^3$, $COOR^5$, $COR^6$, $C_1$-$C_2$-fluoroalkyl, $C_1$-$C_2$-fluoroalkoxy, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_2$-$C_6$-alkenyloxy, $C_2$-$C_6$-alkynyloxy, $C_3$-$C_6$-cycloalkyl, $C_3$-$C_6$-cycloalkyl or halogen, where $R^1$, $R^2$, $R^3$, $R^4$, $R^5$ and $R^6$ are each as defined in claim 1;

J is $CH_2$, $CH_2$-$CH_2$ or $CH_2$-$CH_2$-$CH_2$;

X is CH or N and

Y is $CH_2$, $CH_2$-$CH_2$ or $CH_2$-$CH_2$-$CH_2$, or Y-X together is CH=C or $CH_2$-CH=C;

the physiologically acceptable acid addition salts of this compound and the tautomer of the formula I-A'a



(I-A'a)

where R is as defined in claim 1 and the physiologically acceptable acid addition salts of the tautomer Ia'.

16. (Canceled)

17. (Previously Amended) A compound as claimed in claim 15, where J is $CH_2$-$CH_2$ and Y is $CH_2$.

18. (Previously Amended) A compound as claimed in claim 15, where X is N.

19. (Canceled)

20. (Currently Amended). A compound as claimed in claim ~~19~~15, where E is a bond.

21. (Original). A compound as claimed in claim 20, where Ar is phenyl, pyridyl, pyrimidinyl or s-triazinyl, each of which has 1, 2 or 3 of the aforementioned $R^b$ radicals.

22. (Original). A compound as claimed in claim 19, where E is $CH_2$.

23. (Currently Amended). A compound as claimed in claim 22, where Ar is phenyl, naphthyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, thienyl, furyl, pyrrolyl, pyrazolyl, imi-dazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1-oxa-3,4-diazolyl or 1-thia-3,4-diazolyl, each of which is unsubstituted or may have 1, 2 or 3 of the above-mentioned $R^b$ radicals.

24. (Canceled)

25. (Previously Amended). A pharmaceutical composition comprising at least one active ingredient which is selected from compounds of the formula I, the tautom-ers of the formula I', the physiologically tolerated acid addition salts of the com-pounds I and the physiologically tolerated acid addition salts of the tautomers of the formula I' as claimed in claim 1, optionally together with physiologically ac-ceptable carriers and/or excipients.

26. (Currently Amended). ~~The use of active ingredients which are se-lected from~~ A method for treating a medical disorder selected from the group consisting of Parkinson's disease, schizophrenia, cognitive disturbances, depression, anxiety, addiction, kidney function disturbances, and eating disturbances, said method comprising administering to a subject in need thereof an effective amount of at least one ~~compounds~~ compounds of ~~the formula I, the tautomers of the formula I', the physiologically tolerated acid addition salts of the compounds I and the physiologically tolerated acid addition salts of the tautomers of the formula I' as claimed in~~ claim 1 ~~for producing a pharmaceutical composition for treating diseases which respond to the influence of dopamine D3 receptor antagonists or agonists~~.

27. (Canceled)

28. (Canceled)

29. (New) The compound according to claim 15, wherein

J is $CH_2$-$CH_2$;

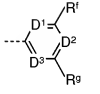
X is N

Y is $CH_2$;

and wherein

$R^a$ is a radical E-Ar, wherein E is a bond and Ar is selected from phenyl, pyridyl, pyrimidinyl and s-triazinyl, each of which has 1, 2 or 3 of the aforementioned $R^b$ radicals.

30. (New) The compound according to claim 29, wherein $R^a$ is a radical Ar-1

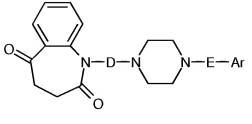



Ar-1

wherein $D^1$ and $D^2$ are N and $D^3$ is CH and wherein

$R^f$ and $R^g$ are each independently selected from the following groups: $OR^1$, $NR^2R^3$, CN, $C_1$-$C_6$-alkyl which is optionally substituted by OH, $C_1$-$C_4$-alkoxy, halogen or phenyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyl, $C_4$-$C_{10}$-bicycloalkyl, $C_6$-$C_{10}$-tricycloalkyl, where the last three groups may optionally be substituted by halogen or $C_1$-$C_4$-alkyl, halogen, CN, $OR^1$, 5- or 6-membered het-erocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl optionally bear one or two substituents which are each independently selected from $C_1$-$C_4$-alkyl, $C_1$-$C_4$-alkoxy, $NR^2R^3$, CN, $C_1$-$C_2$-fluoroalkyl and halogen.

31. (New) The compound according to claim 15, which is of the formula I-Aa




(I-Aa.a)

wherein E is a bond and Ar is selected from phenyl, pyridyl, pyrimidinyl and s-triazinyl, each of which has 1, 2 or 3 of the aforementioned $R^b$ radicals.

32. (New) The compound according to claim 30, wherein Ar is a radical Ar-1


Ar-1

wherein $D^1$ and $D^2$ are N and $D^3$ is CH and wherein

$R^f$ and $R^g$ are each independently selected from the following groups: $OR^1$, $NR^2R^3$, CN, $C_1$-$C_6$-alkyl which is optionally substituted by OH, $C_1$-$C_4$-alkoxy, halogen or phenyl, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-alkynyl, $C_3$-$C_6$-cycloalkyl, $C_4$-$C_{10}$-bicycloalkyl, $C_6$-$C_{10}$-tricycloalkyl, where the last three groups may optionally be substituted by halogen or $C_1$-$C_4$-alkyl, halogen, CN, $OR^1$, 5- or 6-membered heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl optionally bear one or two substituents which are each independently selected from $C_1$-$C_4$-alkyl, $C_1$-$C_4$-alkoxy, $NR^2R^3$, CN, $C_1$-$C_2$-fluoroalkyl and halogen.